



U.S. Pat. App. No.: 09/749,778
Atty. Docket No.: 041144F005

INSERTIONS TO THE SPECIFICATION

Please replace the paragraph beginning at page 12, line 18 (5th complete paragraph) with the following paragraph:

--P21^{waf/cip1} Gene Amplification by Polymerase Chain Reaction (PCR).

The second exon of the P21^{waf/cip1} gene previously shown to have a high incidence of mutations was amplified by polymerase chain reaction. The following primer sequences were synthesized (Rama Biotechnology Inc., New Delhi, India).

Primer 1 (Exon 2-A. Fwd.) SEQ ID NO: 1: 5'-GCG CCA TGT CAG AAC CGG C-3'

Primer 2 (Exon 2-A. Fwd.) SEQ ID NO: 2: 5'-GAG AAT CCT GGT CCC TTA C-3'

The PCR reaction mixture consisted of 10 µl of 10x PCR buffer, 20 pmoles of each primer, 1.875mM deoxynucleotide triphosphates, 1.5 units of Taq DNA polymerase (Perkin-Elmer) and 200ng genomic DNA in a final volume of 100 µl. The PCR conditions were: denaturation at 94°C for 4 minutes and 35 cycles of (i) denaturation at 94°C for 30 seconds (ii) annealing at 55°C for 30 seconds and (iii) primer extension at 72°C for 30 seconds followed by autoextension at 72°C for 5 min. After PCR amplification, the products were checked on 2% agarose gels by electrophoresis using the appropriate DNA molecular weight marker (1 kb DNA ladder).--